



NORTH CAROLINA Department of Transportation



Tools To Get'R Done

Delivery Projects as Fast as NEPA'ly Possible

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March 2019



NCDOT Project ATLAS



Advancing **T**ransportation through **L**inkages, **A**utomation, and **S**creening



NCDOT Project ATLAS



Advancing **T**ransportation through **L**inkages, **A**utomation, and **S**creening

- What is ATLAS all about?

Overview of ATLAS background and tools

Webinar – February 25th and 26th

[EAU Connect Site](#)

Questions – Contact us

ATLAS@ncdot.gov

- What was driving the need for ATLAS?

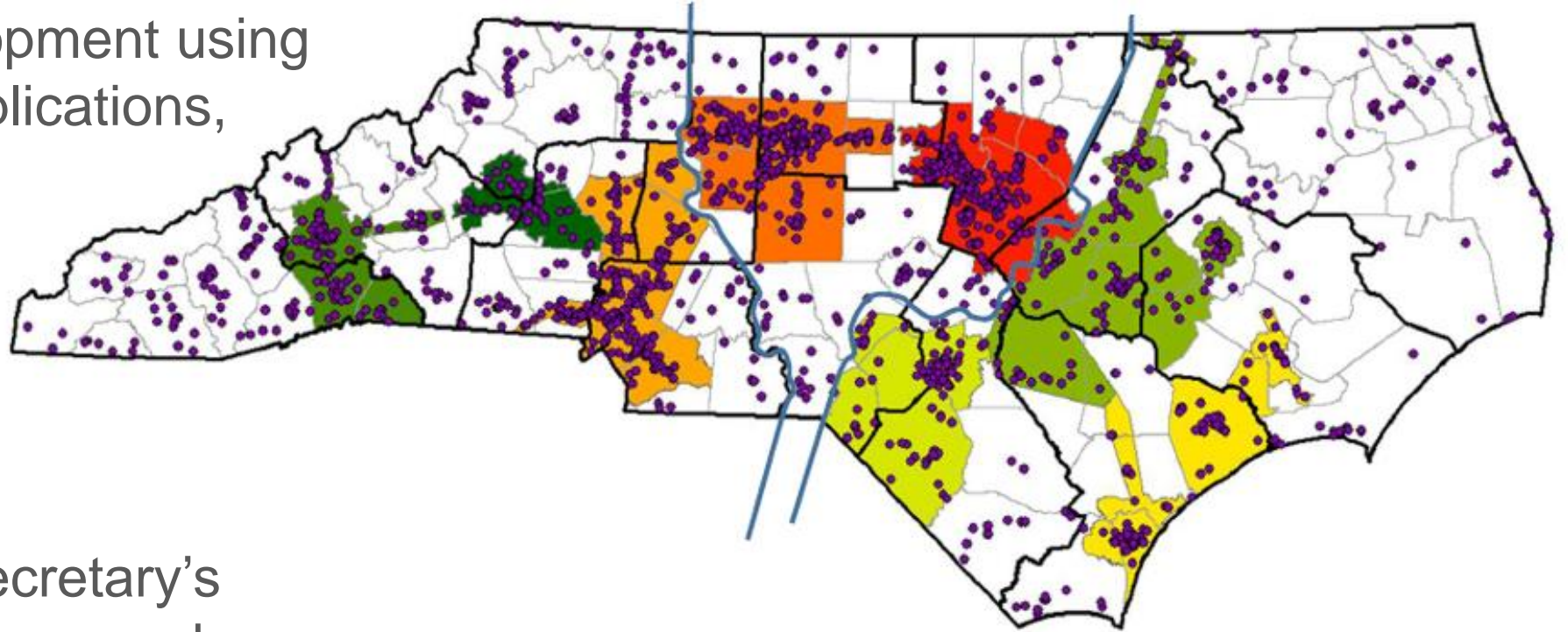


NCDOT Project ATLAS



Advancing Transportation through Linkages, Automation, and Screening

- Goal is to streamline project development using GIS tools, applications, and data



- Adheres to Secretary's Priorities for Improved Program Delivery and Reduced Cash Balance

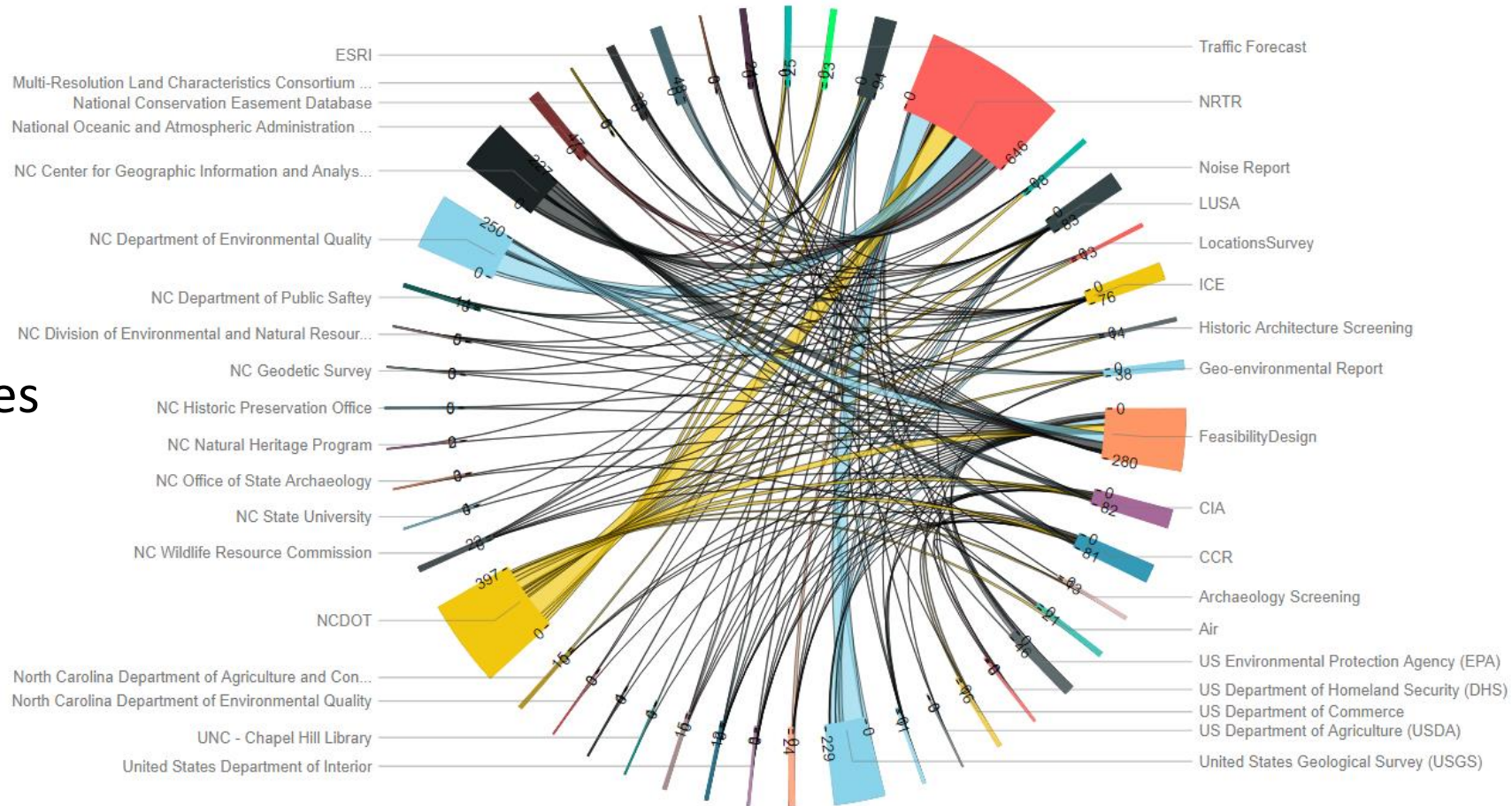


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Data
Sources



Data
Uses



NCDOT Project ATLAS



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		Date modified	Type
Desktop	R2501BC	4/1/2013 5:18 PM	File folder
Downloads	R2501C	4/1/2013 5:18 PM	File folder
Recent Places	R2502A	4/1/2013 5:18 PM	File folder
	R2502AB	4/1/2013 5:18 PM	File folder
Libraries	R2502B	4/1/2013 5:18 PM	File folder
Documents	R2503	4/1/2013 5:18 PM	File folder
Music	R2506	4/1/2013 5:18 PM	File folder
Pictures	R2507	4/1/2013 5:18 PM	File folder
Videos	R2507A	4/1/2013 5:18 PM	File folder
	R2510	4/1/2013 5:18 PM	File folder
Computer	R2510A	4/1/2013 5:18 PM	File folder
SYSTEM (C:)	R2510B	4/1/2013 5:18 PM	File folder
GROUPS-PDEACC (\\DOT\DFSROOT01) (S:)	R2510c	4/1/2013 5:18 PM	File folder
AirNoise	R2510WM	4/1/2013 5:18 PM	File folder
Apps	R2511	4/1/2013 5:18 PM	File folder
Archaeology	R2513A	1/22/2018 3:53 PM	File folder
BioSurveys	R2514a	4/1/2013 5:18 PM	File folder
CommStudies	R2514B	9/7/2017 4:10 PM	File folder



Linkages

*Where are the data used
for that project?*



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Screening

*What do we know
about this project?*





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- **Automation**

Isn't there a better way to do this report?



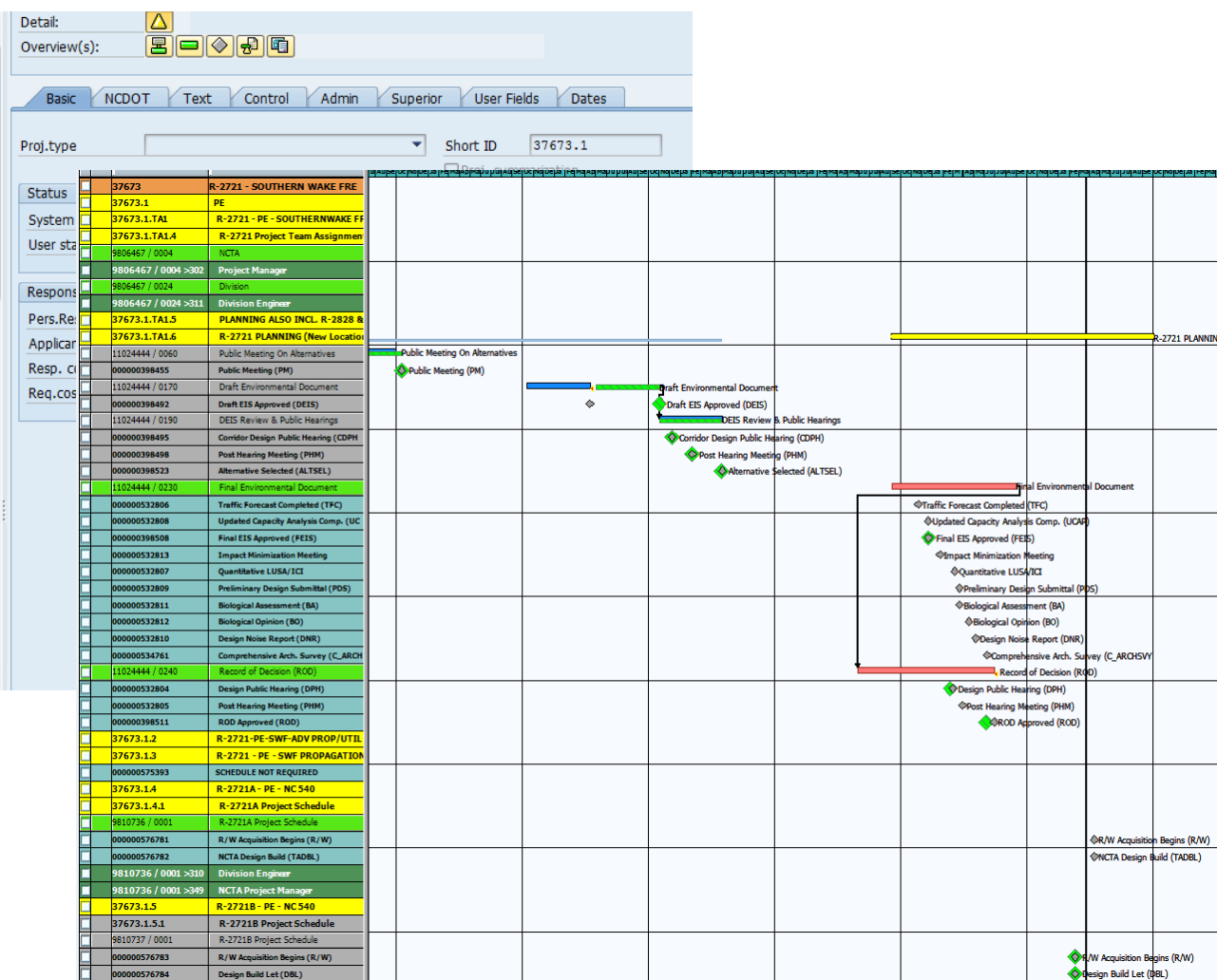


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▼ R-2721 - SOUTHERN WAKE FREEWAY	37673
▼ PE	37673.1
▼ R-2721 - PE - SOUTHERN WAKE FREEWAY NC	37673.1.TA1
• SCHEDULE HISTORY	SCHEDULE HISTORY
▼ R-2721 Project Team Assignment	37673.1.TA1.4
▼ R-2721 Project Team Assignment	9806467
• NCTA	9806467 0004
• Project Manager	9806467 0004 3020
• Division	9806467 0024
• Division Engineer	9806467 0024 3110
• PLANNING ALSO INCL. R-2828 & R-2829	37673.1.TA1.5
▼ R-2721 PLANNING (New Location)	37673.1.TA1.6
▼ R-2721 PLANNING (New Location)	11024444
• Public Meeting On Alternatives	11024444 0060
• Public Meeting (PM)	398455
• Draft Environmental Document	11024444 0170
• Draft EIS Approved (DEIS)	398492
• DEIS Review & Public Hearings	11024444 0190
• Corridor Design Public Hearing (CDPH)	398495
• Post Hearing Meeting (PHM)	398498
• Alternative Selected (ALTSEL)	398523
• Final Environmental Document	11024444 0230
• Traffic Forecast Completed (TFC)	532806
• Updated Capacity Analysis Comp. (UCAP)	532808
• Final EIS Approved (FEIS)	398508
• Impact Minimization Meeting	532813
• Quantitative LUSA/ICI	532807
• Biological Assessment (BA)	532811
• Preliminary Design Submittal (PDS)	532809
• Biological Opinion (BO)	532812
• Design Noise Report (DNR)	532810
• Comprehensive Arch. Survey (C_ARCHSVY)	534761
• Record of Decision (ROD)	11024444 0240
• Design Public Hearing (DPH)	532804



Are my deliverables on time for my project?



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ATLAS Search Tool

[About](#)[Additional Resources](#)[Help](#)

Search

What Data Are You Searching For?

Search By Document ⓘ

--Select Document Type-- ▾

Search By Keyword ⓘ

Search By Organization ⓘ

--Select Organization(s)-- ▾

Search

Clear



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ATLAS Search Tool

[About](#)[Additional Resources](#)[Help](#)

[Search Home](#) » [Area of Interest](#) » [Map View](#)

Layers

Base Maps

Measurement

Base Maps



Imagery



Imagery with Labels



Streets



Topographic



Dark Gray Canvas



Light Gray Canvas



National Geographic



Terrain with Labels



Oceans



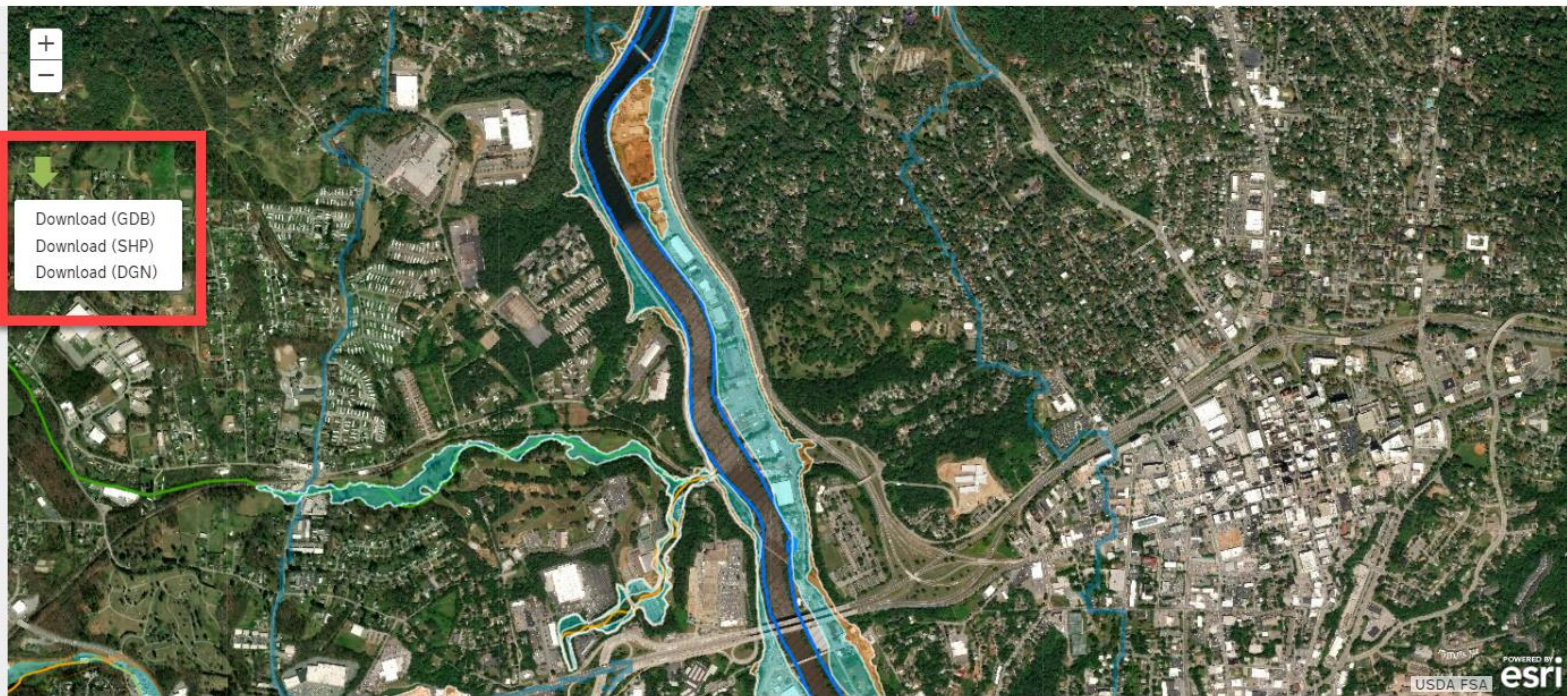
OpenStreet



USA Topo Maps



USGS National





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ATLAS Screening Tool

[About](#)[Additional Resources](#)[Help](#)

Welcome to the Project Development Screening Tool

In order to screen a project study area, you need to complete a few steps:

1. Build Your Study Area
2. Buffer Your Study Area (optional)
3. Select Data to Screen
4. View, Download, and/or Share Your Screening Report

To begin: How would you like to build your Project Study Area?

1

By Project ID

Select if you know your STIP or SPOT ID for the project you are screening.

2

Upload Study Area

Select if you have a study area boundary in .zip format.

3

Draw Study Area

Select if you would like to build your study area using draw tool.



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Project Development Screening Report



ACEC Presentation Screening - U-5891

Report Description:

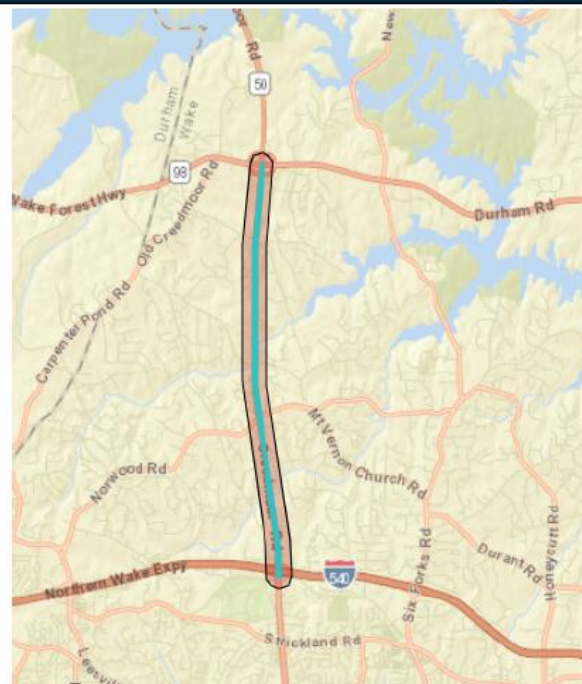
ATLAS screening for ACEC presentation for U-5891.

Buffer Size: 1000 Feet

STIP/SPOT ID: U-5891, H090577

STIP/SPOT Description:

U-5891: I-540 TO NORTH OF NC 98. WIDEN TO MULTILANE DIVIDED ROADWAY.



Summary of Potential Impacts

Impact Type	Potential Impacts
Conservation Area	Yes
Fish and Aquatics	No
Hydrography	Yes



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303d and 305b Streams (ESM Layer)	7	8778.0 ft	529.7 ft
FEMA Stream Study Type (ESM Layer)	5	11245.5 ft	476.9 ft
NC DEQ Water Supply Watershed IV	4	10855.4 ft	529.7 ft
USGS 24K Streams 2014	4	8778.0 ft	529.7 ft
NC DEQ Water Supply Watersheds	2	1053.6 ac	N/A
NC DEQ Draft 303d Category 5 Assessments	1	3834.1 ft	N/A
DWR Trout Waters 2014 (ESM Layer)	0	0 ft	0
High Quality Water and Outstanding Resource Water Management Zones	0	0 ac	0
NC Wild and Scenic Rivers	0	0 ft	0
NOAA Designated Critical Resource Waters	0	0 ac	0
USDA Forest Service Wild and Scenic Rivers	0	0 ft	0
WRC Trout Waters	0	0 ft	0
Physiography	Count	Total Coverage	Nearest
NCDOT SSURGO Soils	144	1053.6 ac	17.5 ft
US EPA Level III Ecoregions	1	1611.4 ac	N/A
US EPA Level IV Ecoregions	1	1611.4 ac	N/A
Utilities	Count	Total Coverage	Nearest
NC Public Water Supply Water Sources	5	N/A	461.6 ft
NC Water Supply intakes	5	N/A	461.3 ft
NC Surface Water Intakes	0	N/A	0
Sanitary Sewer Systems - Land Application Areas	0	N/A	0
Sanitary Sewer Systems - Pumping Stations	0	N/A	0
Water Distribution Systems - Water Pumping Stations	0	N/A	0



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[Map](#)[Workbench](#)[About](#)[Additional Resources](#)[Help](#)

Basic Project Info	
Scoping	✓
Public/Local Involvement	✓
Merger	✓
Survey & Photogrammetry	✓
Traffic	✓
Community Characteristic Report (CCR)	✓
Natural Resources	✓
Indirect & Cumulative Effects (ICE)	✓
Air Quality	✓
Noise Analysis	✓
Cultural Resources	✓
Geo-Environmental	✓
Land Use Scenario Assessment (LUSA)	✓
Community Impact Assessment (CIA)	✓
Project Conclusion	✓

Natural Resources



Is Natural Resources required?

☒ Yes ☐ No

a. Natural Resources:

* Was Jurisdictional Area Delineation completed?

☐ Yes ☐ No

* Were T&E surveys completed?

☐ Yes ☐ No

* What effect will the project have on Threatened and Endangered Species or their critical habitat?

* Select species that are potentially impacted:

* Are there any species for which biological conclusions are unresolved?

☐ Yes ☐ No

If so, which and why?

* Has the USFWS requested a Biological Assessment during Section 7 consultation?

☐ Yes ☐ No



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ATLAS

Map

Workbench

About

Additional Resources

Help

Layers Base Maps Tools

Layers

☒ WRC Trout Waters

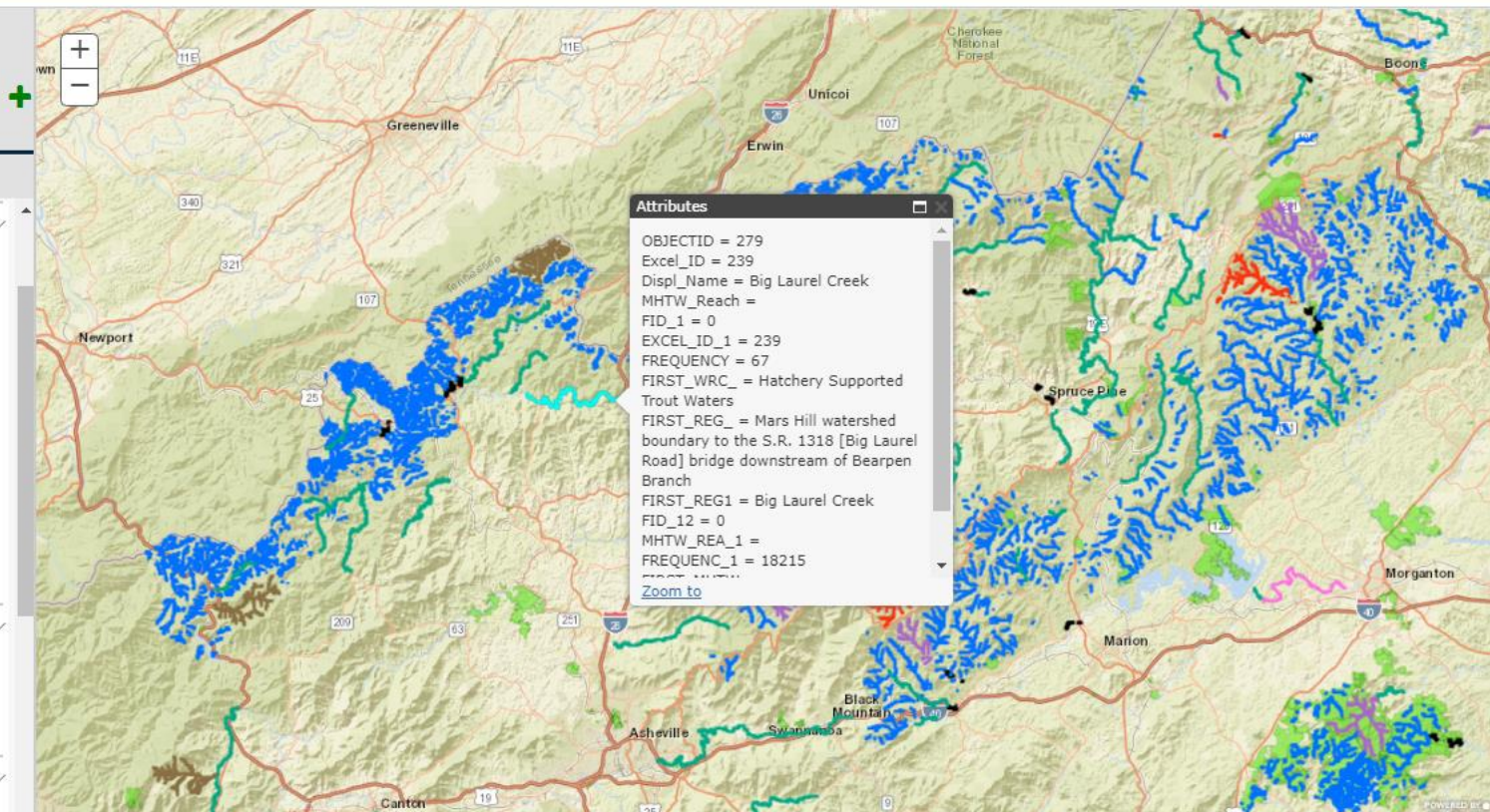
Legend Opacity

- Catch and Release/Artificial Flies Only Trout Waters
- Catch and Release/Artificial Lures Only Trout Waters
- Delayed Harvest Trout Waters
- Hatchery Supported Trout Waters
- Special Regulation Trout Waters
- Wild Trout Waters
- Wild Trout/Natural Bait Waters

☒ Boating Access Areas

Legend Opacity

☒ North Carolina State Parks





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Connect NCDOT
BUSINESS PARTNER RESOURCES

[Home](#) [Help](#) [Team Sites](#) [Site Map](#)

[Doing Business](#) [Bidding & Letting](#) [Projects](#) [Resources](#) [Local Governments](#)

Search this site



U-5834 ▶ U-5834

US 25 (Hendersonville Rd) to SR 3157 (Weston Rd). Upgrade existing roadway.
Buncombe

[Home](#) > [Division 13 Preconstruction](#) > U-5834

Project Site

- [Preconstruction Home](#)
- [Grant Consulting Firm Access](#)
- [Lock/Unlock Plans or Provisions](#)
- [Key Documents](#)
- [Discipline Specific Links](#)
- [Preconstruction Help](#)
- [Project Commitments](#)
- [Project Contacts](#)
- [Email Project Contacts](#)
- [Project Structures](#)
- [Submittal Tracker](#)
- [Recently Modified](#)

General

Disciplines

Collaboration

LET Preparation

ATLAS Tools

- [ATLAS Workbench](#)
Use the Workbench to monitor project status, submit your final project documents, and upload spatial deliverables.
- [ATLAS Data Search Tool](#)
Use the Data Search Tool to access GIS datasets from multiple sources in one single search interface.
- [ATLAS Screening Tool](#)
Use the Screening Tool to analyze a project study area for natural and human environment impacts based on key GIS datasets.

Precon Project Map





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Some Frequently Asked Questions

- Can we customize for our projects?
- Can we add data layers later?
- Can we make changes in workflows to match new policies and procedures?
- Can we add our business unit workflow?
- Can we use ATLAS for non STIP projects? For Non-Highway projects? For Division Managed project? For unfunded projects?....

YES!



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Application Management Tool

ATLAS Application Management Portal

Manage ATLAS Search Tool

Manage ATLAS Screening Tool

Manage ATLAS Workbench

Manage ATLAS Disclaimer

Manage ATLAS About

Manage ATLAS Additional Resources

Manage ATLAS Help

ATLAS Application Management Portal

Manage » Search Tool » Manage Search Results

Layer Name	Linked
2012 Integrated Reporting Water Quality Assessments	NRTR, I
2015RareRoadsidePopulations_pt_nodupl.shp	No
2016 Traffic Segments Primary	Traffic F
2016 Traffic Segments Secondary	Traffic F
303d and 305b Streams (ESM Layer)	5
911 Response with Transport Capability	
911 Response without Transport Capability	
Air Medical/Specialty Care Transport	

ATLAS Application Management Portal

Home » Decision Tree Administration

Select a part of the decision tree to configure:

Categories

Groups

Controls

Configure Controls for Natural Resources

Add Control

Order	Title	Control Type
1	Was Jurisdictional Area Delineation completed?	Yes No Edit Delete Up Down
2	Were T&E surveys completed?	Yes No Edit Delete Up Down
3	What effect will the project have on Threatened and Endangered Species or their critical habitat?	Dropdow n Edit Delete Up Down
4	Select species that are potentially impacted:	Multiple Select Edit Delete Up Down
5	Are there any species for which biological conclusions are unresolved?	Yes No Edit Delete Up Down
6	If so, which and why?	Text Edit Delete Up Down
7	Has the USFWS requested a Biological Assessment during Section 7 consultation?	Yes No Edit Delete Up Down



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BUT!

We must follow standards to make it work!

Standards Document

- Section for each type of document and data layer on naming conventions, metadata, etc.
- Need to incorporate into consultant contracts, deliverables, and expectations.

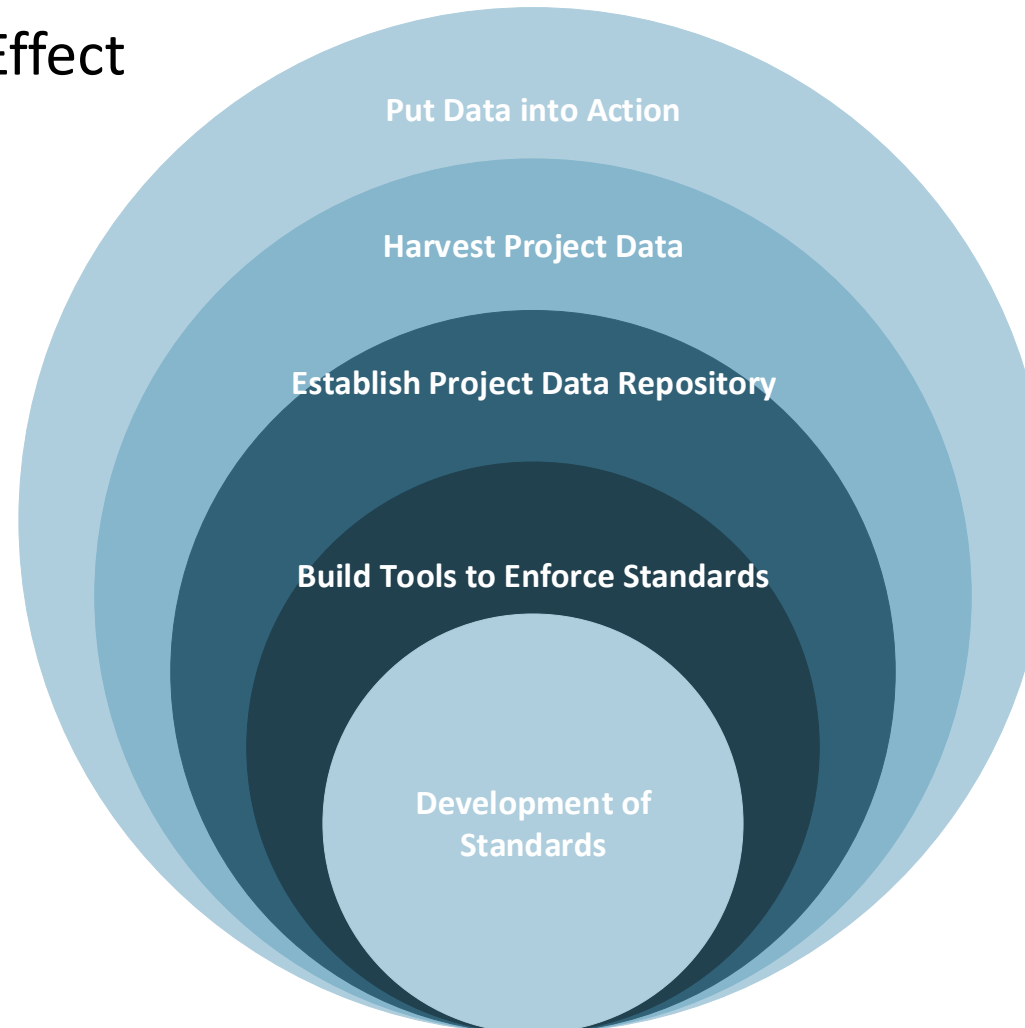


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Workbench: Snowball Effect





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Go Live scheduled for May 31, 2019

Training to immediately follow through June and July

Regional one day hands-on sessions

8:00 am - 4:00 pm with optional 4:00 - 6:00 lab

Washington

Wilmington

Raleigh

Winston-Salem

Charlotte

Asheville

Brevard

Virtual Public Involvement

Public Involvement

- Is a Fundamental component of effective transportation planning and project development
- Is an Opportunity for a voice
- Is a critical source of information for NCDOT



Why Use Online Tools?

- Public Involvement is multifaceted and hard to quantify
- Interest in ensuring that all voices are heard
- Transparency
- Reduced Cost per Participant
- Unify various other strategies

Current Toolbox

- Project Websites
- Social Media
- Visualizations
 - Photo Simulations
 - Renderings / Conceptual Images
 - Animated Designs (Traffic Flows / Patterns)
 - Visual Surveys

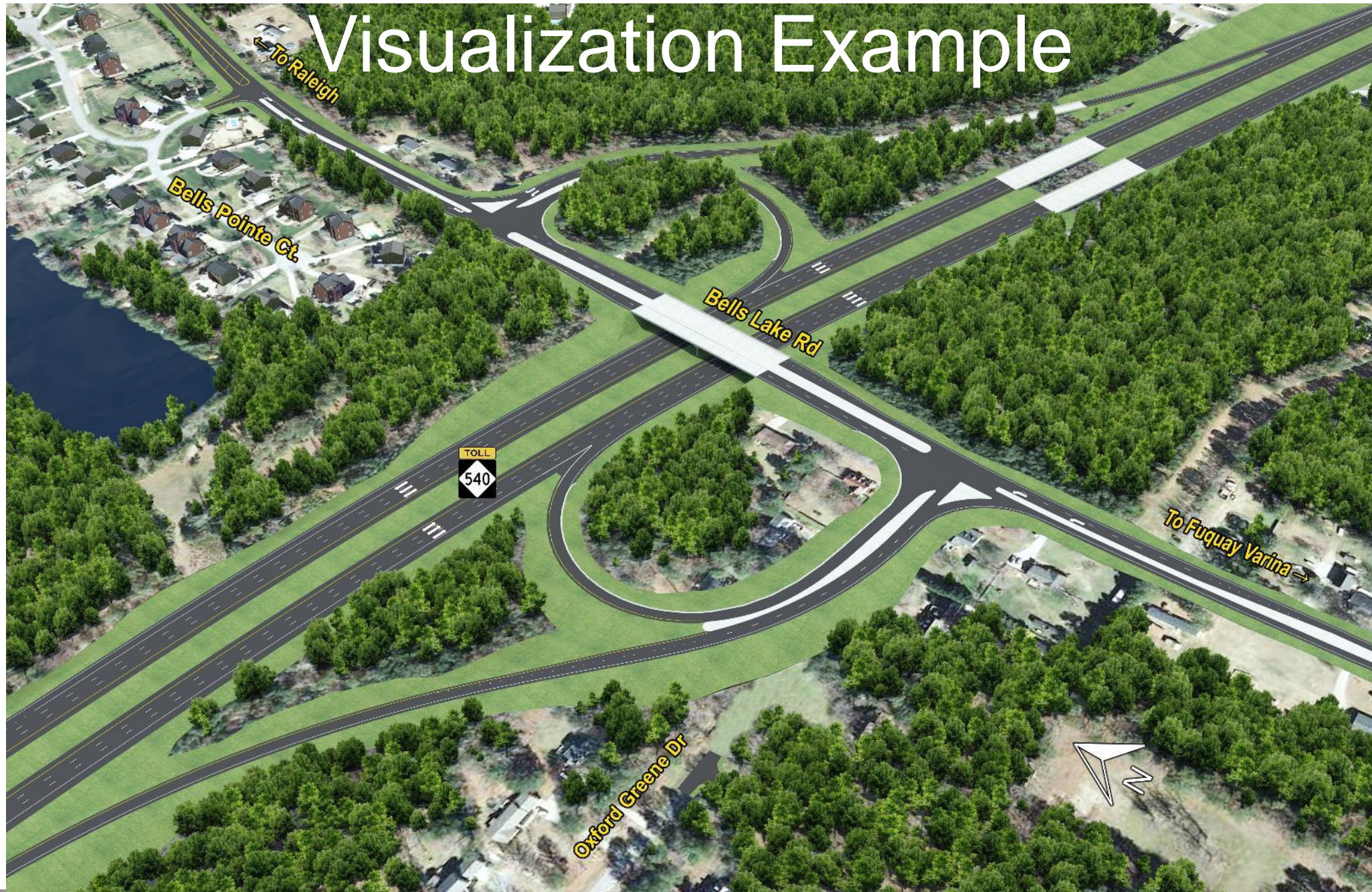


Current Toolbox

- Videos
- Webinars/Live Streaming
- Online Public Engagement
- Geo-fencing/Geo-targeting



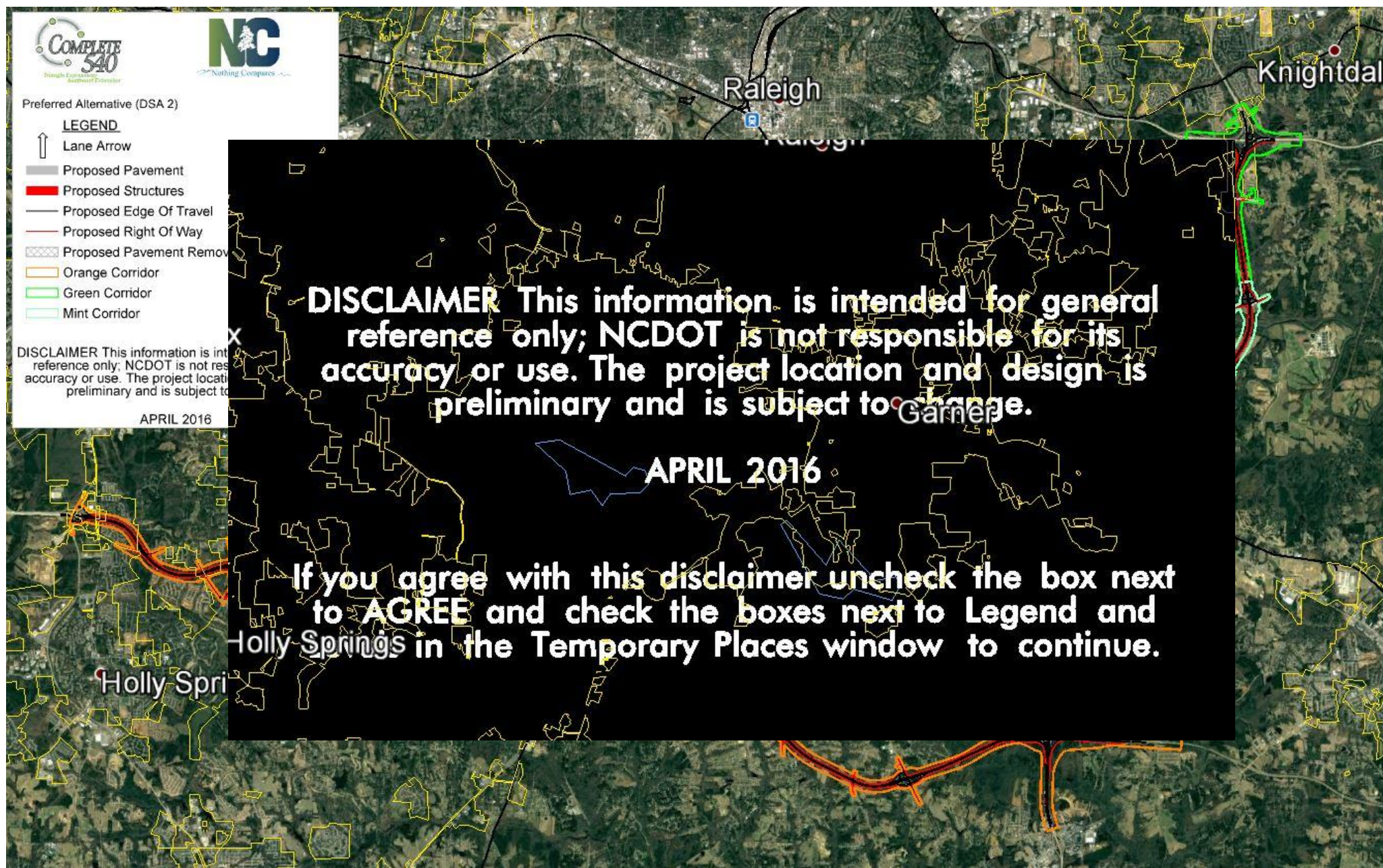
Visualization Example



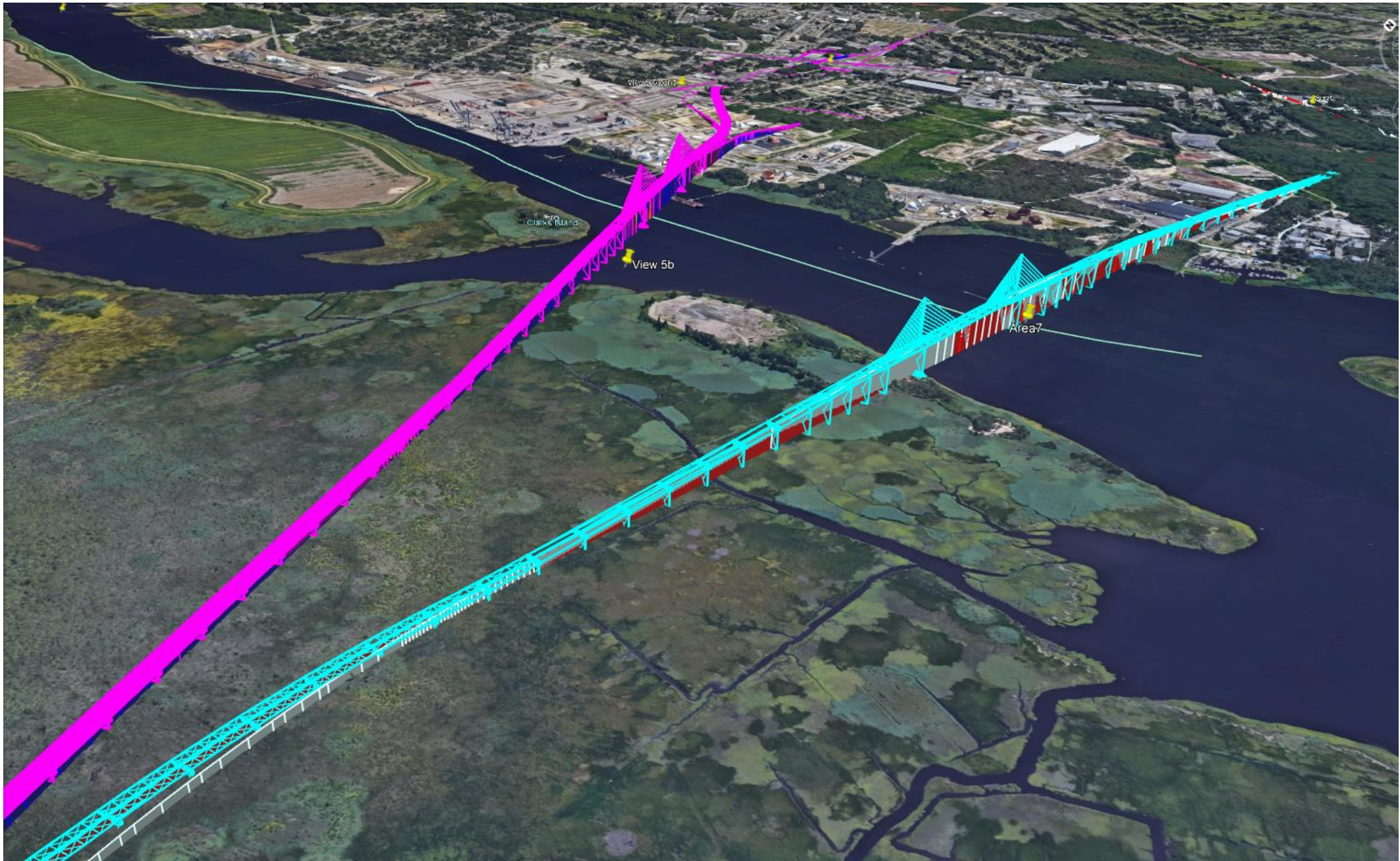
Video/Visualization



KMZ



KMZ



Online Engagement Tools

N.C. ZEV PLAN SURVEY

Progress

N.C. Clean Energy

WELCOME

North Carolina Is Going Electric!

North Carolina is committed to getting 80,000 Zero Emission Vehicles (ZEVs or all-electric vehicles) on the road by 2025. What will it take for **YOU** to drive an all-electric vehicle?

N.C.'s Commitment

Begin

State agencies in North Carolina are committed to transitioning motor fleets to zero emission vehicles to help reduce air pollution, save fuel costs and promote a cleaner environment.

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

2 PRIORITY RANKING

3 MAP MARKERS

4 SURVEY QUESTIONS

5 WRAP UP

Online Engagement Tools

I-440

Improvement Project
Walnut to Wade



U-2719 I-440 Walnut to Wade

NC State Transportation Improvement Program (STIP) Project No. U-2719 is proposed to make Improvements to I-440 between Walnut Street in Cary and Wade Avenue in Raleigh including interchanges.

The purpose of this project is to improve traffic flow, make the roadway operate more efficiently, and enhance mobility on this segment of I-440. The project will address the need to increase capacity (the ability to handle traffic demand) improve the layout of the roadway and interchanges and fix poor conditions along this segment of I-440.

For additional information, please visit the project website at: <https://www.ncdot.gov/projects/i-440improvements/>

Each of the sections that follow provide a small map of the particular interchange, additional maps are presented for alternatives if proposed, and a table of impacts for your review. (A link is provided on each alternative to the full size high resolution map).

Please take a moment to review the map and the impact table then answer the question regarding your feeling about the interchange alternative being shown.

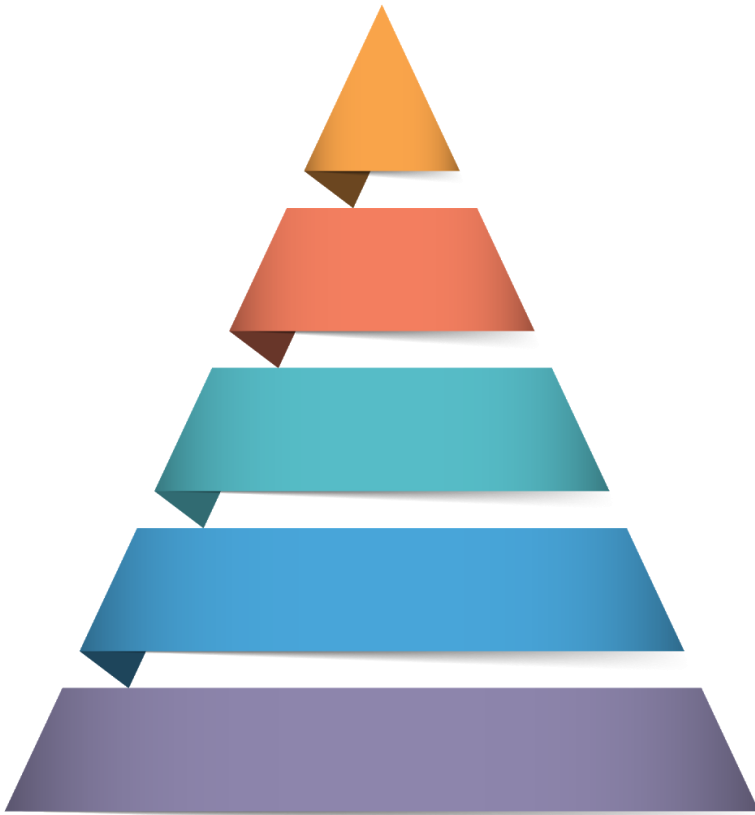
Do you live in Raleigh or Cary?

Do you work in Raleigh or Cary?

Translate

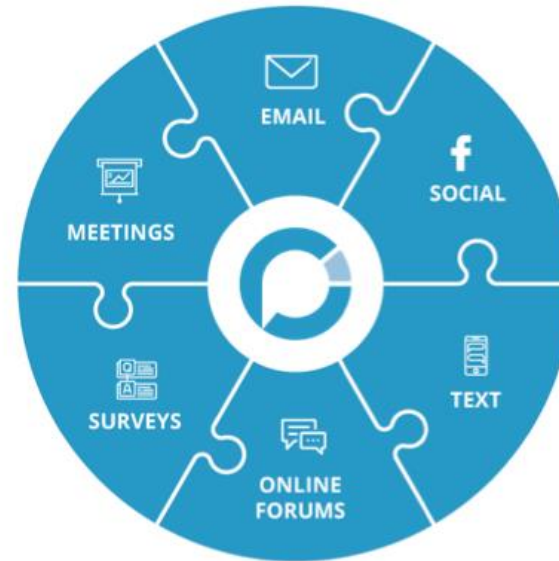
?

Pyramid of Engagement



- Build Trust
- Close the Loop
- Capture and Analyze
- Lower Barriers to Participation
- Reach beyond Self Selectors

Integrated Toolkits Save Time



One Stop Shop

NCDOT Engagement Hub

The NCDOT engagement hub is the online home for outreach and listening efforts to shape the future of North Carolina's transportation infrastructure. Here you can find upcoming events, initiatives, and opportunities to share your input on key topics.

112K

RESPONSES

12K

PARTICIPANTS

38

TOPICS

Current Initiatives



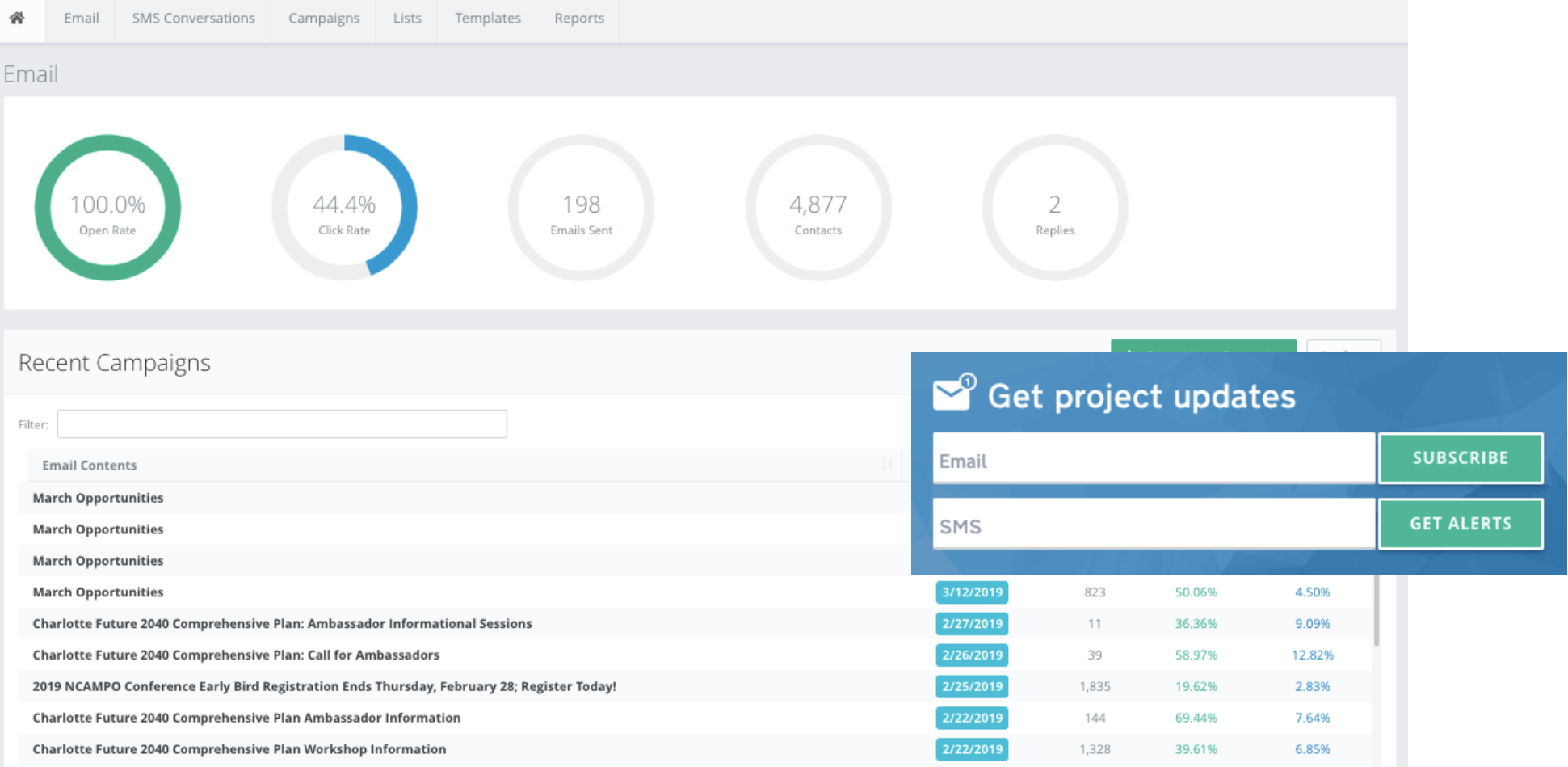
40-440-US1-Interchange

NCDOT is working on two projects to improve traffic along I-40 at the I-40/I-440/U.S. 1/U.S. 64 interchange. This is a survey to gather information for the projects.

Updates

✉ Via email

Outreach Integration



Conversations with Integrated Replies


Do you feel that the project team is incorporating public feedback into the design?

Not at all Somewhat I think so It looks like it Definitely

Please choose an option


Share your thoughts and ideas...

Logged in as Brad Johnson ▾ [Comment](#)


 UDOT claims that the reason 89 needs to be expanded is for traffic that is going from NB I-15 to East or West bound I-84. But this is not the case. If anyone has been on 89 during rush hour, it is obvious that traffic is using 89 to get from Farmington to Ogden. The reason that more motorists are using 89 is because of the backup in traffic on I-15 during rush hour. And the fact that there are hardly any very well planned E/W roads leading into and out of Ogden. The real solution that would fix everyone's problem would be to work on I-15 and create better E/W roads in and out of Ogden. The best case of horrible UDOT planning is the NB on ramp in Layton for Layton Parkway. It has you merge into traffic way too quickly, with a blind corner so you cannot see if traffic is coming up behind you. It also puts you into a Exit only lane.

UDOT needs to look at the bigger problem and fix the root cause. Which in this case can all come down to I-15.


11 days ago [Reply](#) [Flag](#) [8 Agree](#)

 I don't agree I live above 89th and use it throughout the day it's a nightmare. Nothing you could do to change I-15 would fix the traffic on us 89. It will only get worse if something isn't done thank you you. For your hard work

11 days ago [Reply](#) [Flag](#) [1 Agree](#)

 **U.S. 89 Team** As part of the State Environmental Study, UDOT included all currently planned transportation projects in Davis County - among which was the I-15 widening project that starts later this year (extending the Express Lane from Layton Parkway/Hill Field Road up to Riverdale Road), as well as the completed West Davis Corridor. Even with these planned projects, traffic delays and congestion on U.S. 89 would not be reduced enough to meet the projected needs in 2040. You can read more about the studies that were conducted in the State Environmental Study, in the "Traffic Memo" in Appendix A starting on page 729 (available at udot.utah.gov/us89/index.php/state-environmental-study).

8 days ago [Reply](#) [Flag](#) [Agree](#)

 Changing the design to put US 89 under the cross streets is an unimaginable improvement for us. It addresses virtually all of our

Reply to comment ×

Original comment:
Changing the design to put US 89 under the cross streets is an unimaginable improvement for us. It addresses virtually all of our concerns. We are super happy with this announcement.

Your response:

Reply name:

☐ Post publicly on project website
☐ Send user an email notification

[Cancel](#) [Send Response](#)

Geo-Targeting based on Engagement



Demography

Min Age

16

Max Age

99

Other Targeting Criteria

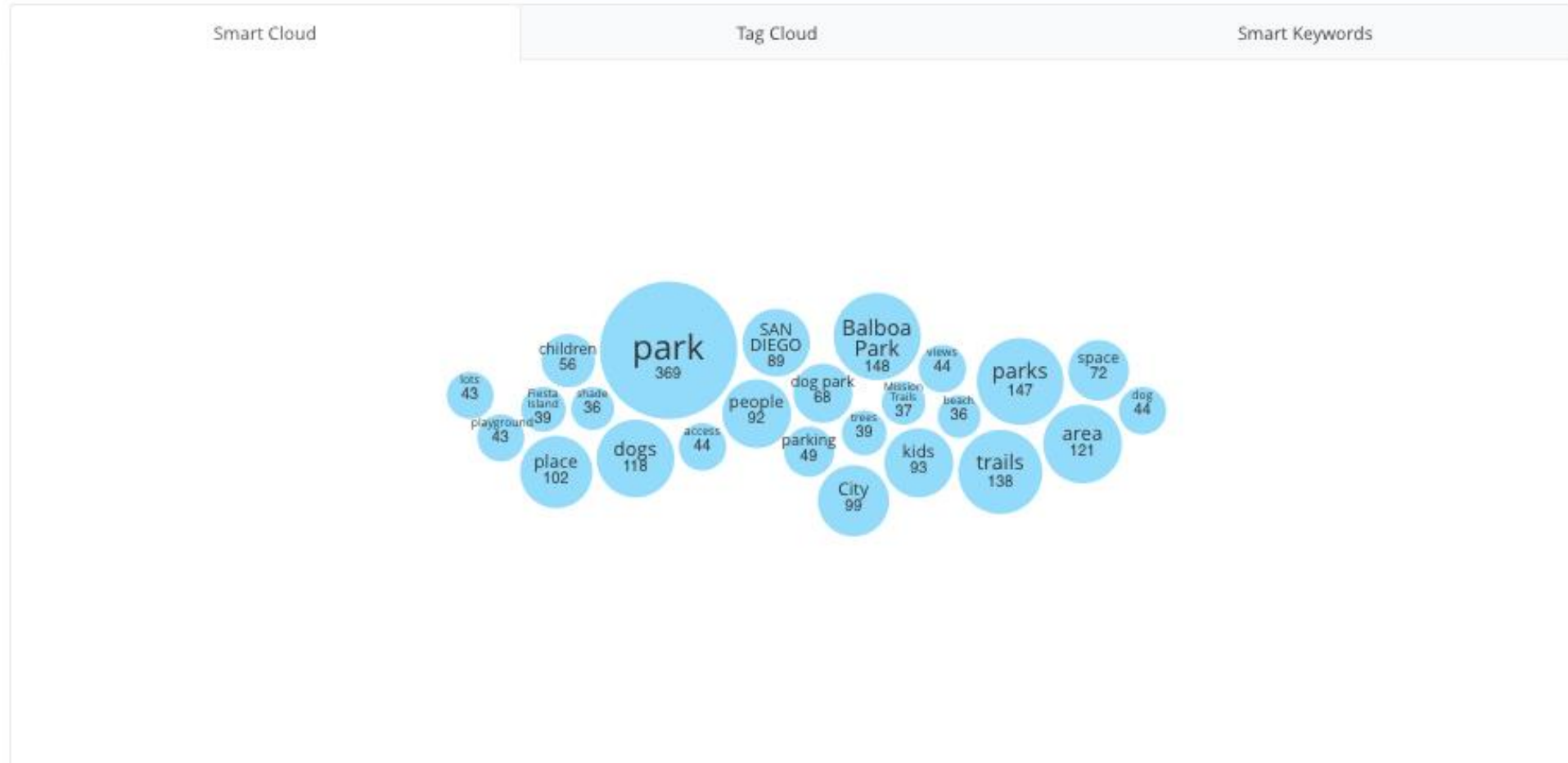
e.g. Single Moms, Spanish speakers only

Geographic Targeting Areas

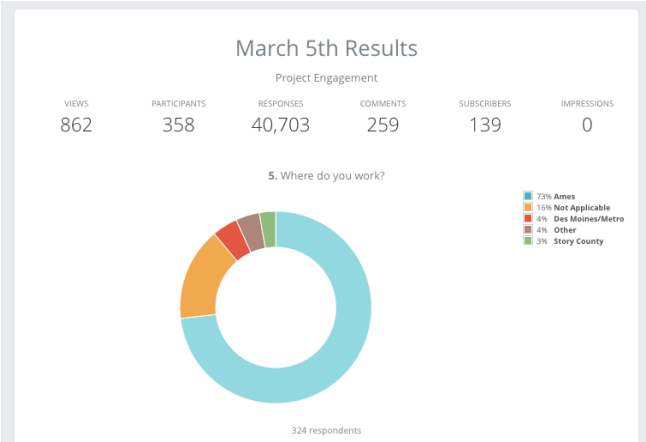
Using the circle button, click a point and drag to expand to the desired coverage area.



Human and Artificial Intelligence for Comment Analysis and Moderation

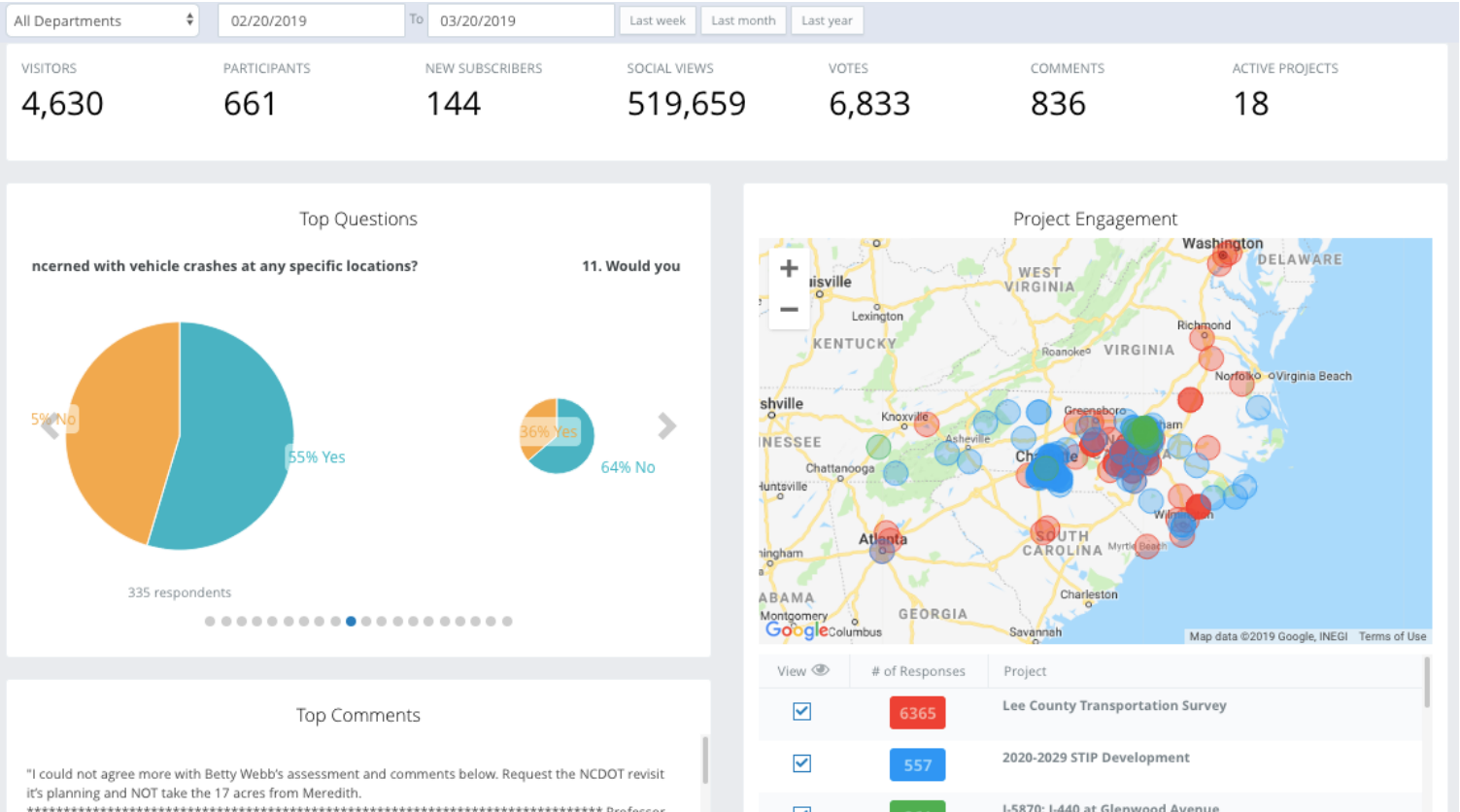


Realtime Sharable Reporting

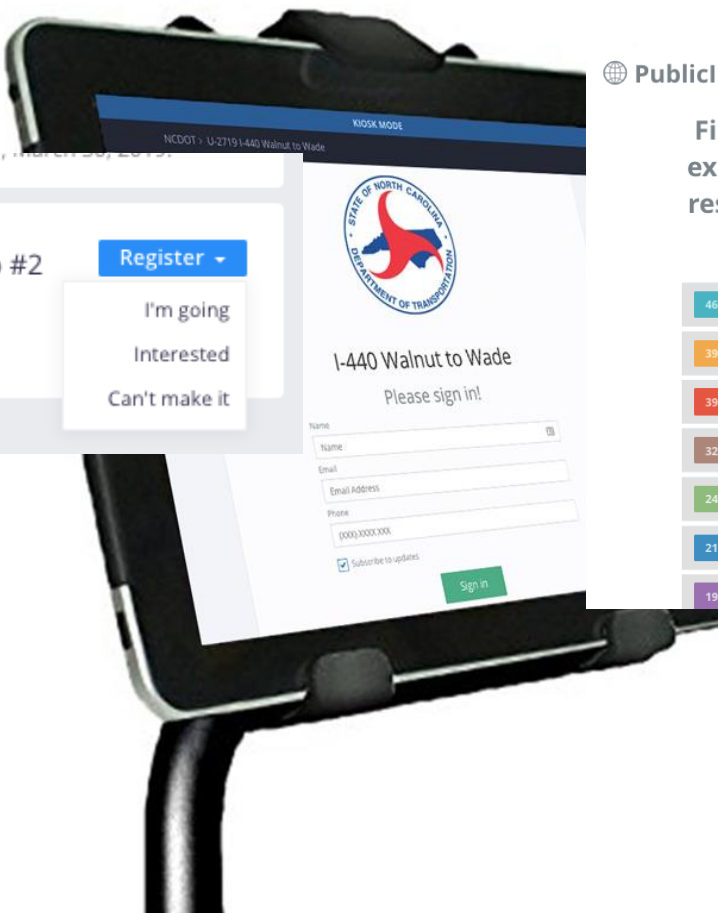


12. On a scale of 1 to 5 (1 being poor and 5 being excellent) how would you rate Ames in regard to Transportation?

	1 Poor	2 Fair	3 Average	4 Good	5 Excellent	Don't Know
Ames' overall transportation system	2% 1 Poor	7% 2 Fair	18% 3 Average	49% 4 Good	24% 5 Excellent	1% Don't Know
Access to employment centers	3% 1 Poor	6% 2 Fair	20% 3 Average	32% 4 Good	12% 5 Excellent	26% Don't Know
Condition of streets	4% 1 Poor	10% 2 Fair	36% 3 Average	42% 4 Good	8% 5 Excellent	Don't Know
Access to Highway 30	2% 1 Poor	6% 2 Fair	19% 3 Average	51% 4 Good	20% 5 Excellent	1% Don't Know
North-to-South street connections	13% 1 Poor	20% 2 Fair	26% 3 Average	33% 4 Good	6% 5 Excellent	2% Don't Know
East-to-West street connections	8% 1 Poor	17% 2 Fair	28% 3 Average	38% 4 Good	9% 5 Excellent	1% Don't Know
Sidewalks and pedestrian paths	4% 1 Poor	14% 2 Fair	31% 3 Average	39% 4 Good	10% 5 Excellent	1% Don't Know
Pedestrian friendliness	8% 1 Poor	14% 2 Fair	29% 3 Average	37% 4 Good	11% 5 Excellent	1% Don't Know
Bicycle friendliness	10% 1 Poor	15% 2 Fair	28% 3 Average	32% 4 Good	10% 5 Excellent	4% Don't Know
Connectivity of trails	9% 1 Poor	15% 2 Fair	29% 3 Average	29% 4 Good	8% 5 Excellent	10% Don't Know
Adequacy of railroad crossings	10% 1 Poor	14% 2 Fair	35% 3 Average	30% 4 Good	6% 5 Excellent	4% Don't Know
Truck routes	4%	9%	34%	39%	4%	3%



Seamless Integration of Meeting Data



KIOSK MODE
NCDOT - I-2719 I-440 Walnut to Wade

MAR 30 **PLAN to play for Baileywick Park: Public Workshop #2** [Register](#)
Sat, Mar 30, 10:00am [Add to calendar](#)
Baileywick Road Park, Baileywick Road, Raleigh, NC, USA [Map](#)

[I'm going](#)
[Interested](#)
[Can't make it](#)

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

I-440 Walnut to Wade
Please sign in!

Name:
Email:
Phone:
☐ Subscribe to updates
[Sign in](#)

[PublicInput.com/4084](#) [Text 4084 to 760-493-4335](#)

First, please help us understand what you would like to experience at this park. From the list below (some of the responses shared at a recent public meeting) choose the 3 things that are most important to you.

46%	Nature	92 ✓
39%	Fun	79 ✓
39%	Fitness	78 ✓
32%	Adventure	65 ✓
24%	Peaceful	49 ✓
21%	Respect for veterans	42 ✓
19%	Safe	39 ✓

Citizen Relationship Manager


Participant Information

Name
Aaron Snitzer

Email
aaron.snitzer@gmail.com

Phone
-

Edit



Edit Location

User Provided

Subscribed to 2 Lists In 1 Segment

Add new Activity

U-5825: Ten Ten Road (Apex and Cary)

12/10/2018 6:57 PM

U-5825: Ten Ten Road (Apex and Cary)


SUBSCRIBED


Close


Contact First Name	Contact Last Name	Contact Simplified Name	Activity Type	Description	Note	Activity Date	Address	Zip Code	Phone	Email
Jennie	Kirkley	Jennie Kirkley	Subscribed	Subscribed U-5769: N.C. 16 (Providence Road)		3/6/2019	1902 Harri	28173		jennie.torres@hotmail.com
Jennie	Kirkley	Jennie Kirkley	Subscribed	Subscribed U-5769: N.C. 16 (Providence Road)		3/6/2019	1902 Harri	28173		jennie.torres@hotmail.com
Matt	Bland	Matt Bland	Subscribed	Subscribed P-5706: East Durham Rail Safety Project		3/6/2019	1200 Perry	27502		mbland@blandlandscaping
			Subscribed	Subscribed I-485 and US 74 Express Lanes Network		3/6/2019		28173		Bitsys@gmail.com
FRANCES	NESMITH	FRANCES NESMITH	Subscribed	Subscribed Walnut to Wade		3/7/2019	411 ELSMO	28562		heyhm1@gmail.com
Bruce	Stanley	Bruce Stanley	Survey Response	Responded To 2020-2029 STIP Development		3/7/2019		27609		Bruce1105nc@gmail.com
Sallie	Ellinwood	Sallie Ellinwood	Survey Response	Responded To 2020-2029 STIP Development		3/7/2019	3828 Carn	27612		sallieellinwood@earthlink.r
Huiying	Fan	Huiying Fan	Subscribed	Subscribed NC Moves 2050 - Table Topics Host Application		3/7/2019		27707		+1984209(hf63@duke.edu
Huiying	Fan	Huiying Fan	Subscribed	Subscribed NC Moves 2050 - Table Topics Host Application		3/7/2019		27707		+1984209(hf63@duke.edu
Huiying	Fan	Huiying Fan	Subscribed	Subscribed NC Moves 2050 - Table Topics Host Application		3/7/2019		27707		+1984209(hf63@duke.edu
Huiying	Fan	Huiying Fan	Subscribed	Subscribed NC Moves 2050 - Table Topics Host Application		3/7/2019		27707		+1984209(hf63@duke.edu
Huiying	Fan	Huiying Fan	Subscribed	Subscribed NC Moves 2050 - Table Topics Host Application		3/7/2019		27707		+1984209(hf63@duke.edu
David	W	David W Puckett	Subscribed	Subscribed U-5991: N.C. 43 (Charles Blvd)		3/7/2019		27858		gousaf19701992@outlook.
Alan	Newton	Alan Newton	Subscribed	Subscribed U-5991: N.C. 43 (Charles Blvd)		3/8/2019		27858		anewton2k@gmail.com
Eleftheria	Kontou	Eleftheria Kontou	Subscribed	Subscribed NC Moves 2050 - Table Topics Host Application		3/8/2019		27707		+1703568;ekontou@email.unc.edu
Eleftheria	Kontou	Eleftheria Kontou	Subscribed	Subscribed NC Moves 2050 - Table Topics Host Application		3/8/2019		27707		+1703568;ekontou@email.unc.edu
Eleftheria	Kontou	Eleftheria Kontou	Subscribed	Subscribed NC Moves 2050 - Table Topics Host Application		3/8/2019		27707		+1703568;ekontou@email.unc.edu
Phillip		Phillip	Survey Response	Responded To 2020-2029 STIP Development		3/8/2019	1900 Varn	27612		pperkinson@gmail.com
Rhonda	Bishop	Rhonda Bishop	Subscribed	Subscribed U-5769: N.C. 16 (Providence Road)		3/8/2019	2006 CHAC	28173		rr.bishop.72@gmail.com
Gene	Vincent	Gene Vincent	Subscribed	Subscribed U-5991: N.C. 43 (Charles Blvd)		3/8/2019		27858		gvince353@gmail.com
Heidi	Perry	Heidi Perry	Subscribed	Subscribed NC Moves 2050 - Table Topics Host Application		3/8/2019		27510		+1919618(haidiperov@gmail.com
Heidi	Perry	Heidi Perry	Subscribed	Subscribed NC Moves 2050 - Table Topics Host Application		3/8/2019		27510		+1919618(haidiperov@gmail.com
Heidi	Perry	Heidi Perry	Subscribed	Subscribed NC Moves 2050 - Table Topics Host Application		3/8/2019		27510		+1919618(haidiperov@gmail.com
Steve	Smith	Steve Smith	Subscribed	Subscribed U-5769: N.C. 16 (Providence Road)		3/8/2019	1827 Therr	28173		TherrellFarmsNC@gmail.co
Isabelle		Isabelle	Subscribed	Subscribed U-5769: N.C. 16 (Providence Road)		3/9/2019	1423 Hawk	28173		ifalvre@yahoo.com
			Subscribed	Subscribed U-5769: N.C. 16 (Providence Road)		3/10/2019		28173		somerset2001@gmail.com
Donald	Edmonds	Donald Edmonds	Subscribed	Subscribed U-5769: N.C. 16 (Providence Road)		3/10/2019	3002 Fallo	28173		ourmail22@gmail.com
			Subscribed	Subscribed U-5769: N.C. 16 (Providence Road)		3/10/2019		28173		jbest30@hotmail.com
Lawrence	S.	Lawrence S. Craige	Subscribed	Subscribed College Road - Wilmington		3/11/2019		28401		lsdraige@craigeandfox.com
Love,	Emily	Love, Emily	Subscribed	Subscribed Corridor K		3/11/2019				Emily.Love@stantec.com


Segment Participants for Reporting and Reengagement


How would you like to segment your audience?



Location



Demography


Comment Tag


Question Response


Meeting or Event


Subscriber List


Email Recipients


Cancel

Segment by participant location

Upload shape from .KML

Or draw your shape on the map

Map Satellite



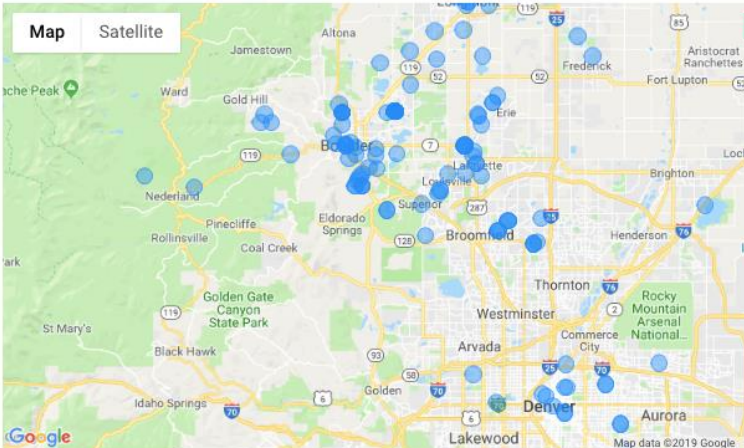
Cancel Continue

Persons who Identify as Having a Disability or Caregivers

200 POTENTIAL SEGMENT MEMBERS

Map Overview

Map Satellite



Voted Yes to 5. Do you identify as someone with a disability?

+ And

Lessons Learned

- Aligning tools saves staff time
- Involve more participants in a process
- Use database tools to quickly analyze participant roles
- Ability to react immediately to needs
- Resource allocation becomes more clear

In Summary....Virtual Public Involvement

Yields better results

- More meaningful input
- More informed decision making
- More public buy-in
- Better projects

Thank You

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Jamille Robbins
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Brad Johnson
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